ID	ℹ	Task Name	Duration	Cost	Start	Finish	Est.Cost
1		**RSIM Phase 1**	**30 days**	**$497,000.00**	**Mon 2/19/01**	**Fri 3/30/01**	**$0.00**
2		ESRI Software	1 day	$27,000.00	Mon 3/19/01	Mon 3/19/01	$0.00
3	▦	Marotz contract	30 days	$70,000.00	Mon 2/19/01	Fri 3/30/01	$0.00
4	▦	GIS Inc. contract	30 days	$309,000.00	Mon 2/19/01	Fri 3/30/01	$0.00
5		Oracle Licenses	1 day	$30,000.00	Mon 3/19/01	Mon 3/19/01	$0.00
6		Project mgmt/training	1 day	$61,000.00	Mon 3/19/01	Mon 3/19/01	$0.00
7		**RSIM Phase 2**	**22 days**	**$45,500.00**	**Thu 3/29/01**	**Fri 4/27/01**	**$0.00**
8	▦	Marotz menu	22 days	$30,000.00	Thu 3/29/01	Fri 4/27/01	$0.00
9	▦	Oracle WebDB Portal	10 days	$5,000.00	Thu 3/29/01	Wed 4/11/01	$0.00
10	▦	Mr.Sid compression sw	22 days	$5,500.00	Thu 3/29/01	Fri 4/27/01	$0.00
11	▦	Webdgn Cadd viewer plugin	1 day	$5,000.00	Thu 3/29/01	Thu 3/29/01	$0.00
12		Start Data call for PWC/SWDIV	1 day	$0.00	Mon 3/19/01	Mon 3/19/01	$0.00
13		**RSIM WIP(plugin free)**	**37 days**	**$15,000.00**	**Thu 3/15/01**	**Fri 5/4/01**	**$0.00**
14	▦	Marotz 50% split with PWC Pearl	37 days	$15,000.00	Thu 3/15/01	Fri 5/4/01	$0.00
15		**Hardware costs FY02**	**10 days**	**$100,000.00**	**Thu 11/1/01**	**Wed 11/14/01**	**$0.00**
16	▦	Buy/stand-up Server	10 days	$70,000.00	Thu 11/1/01	Wed 11/14/01	$0.00
17	▦	Buy/stand-up tape backup unit	3 days	$30,000.00	Thu 11/1/01	Mon 11/5/01	$0.00
18		**Over The Horizon(OTH) installation facility layer RSIM linkage**	**43 days**	**$118,040.00**	**Mon 3/19/01**	**Wed 5/16/01**	**$0.00**
19		Locate current basemaps (if they exist)	3 days	$1,920.00	Mon 3/19/01	Wed 3/21/01	$0.00
20		Create pipeline to RSIM system	10 days	$8,960.00	Mon 3/19/01	Fri 3/30/01	$0.00

Project: Down the road
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Task	▬▬▬	Milestone	◆
Split	....	Summary	▬▬
Progress	▬▬▬	Rolled Up Task	▬▬
Rolled Up Split	....	Rolled Up Milestone	◇
Rolled Up Progress	▬▬▬	External Tasks	▬▬
External Milestone	◆		
External Tasks	▬▬	Deadline	⇩
Project Summary	▬▬		

ID		Task Name	Duration	Cost	Start	Finish	Est.Cost
21		Create facility linkage to NFADB	30 days	$35,840.00	Fri 3/30/01	Thu 5/10/01	$0.00
22		Employ data standards for area	5 days	$8,960.00	Mon 3/19/01	Fri 3/23/01	$0.00
23		Train data stewards how to capture data	30 days	$35,840.00	Mon 3/19/01	Fri 4/27/01	$0.00
24		Validate coordinate systems for basemaps with GPS	2 days	$0.00	Mon 3/19/01	Tue 3/20/01	$0.00
25		Get recent high resolution aerial photos of area for asset verification	1 day	$15,000.00	Wed 3/21/01	Wed 3/21/01	$0.00
26		Develop process and train personel for upkeep of facilities layer	5 days	$8,960.00	Thu 5/10/01	Wed 5/16/01	$0.00
27		Load other datas(if any) into system	2 days	$2,560.00	Mon 5/14/01	Tue 5/15/01	$0.00
28		**OTH Installation facilities additional cost if basemaps don't exist**	**90 days**	**$179,200.00**	**Mon 3/19/01**	**Fri 7/20/01**	**$0.00**
29		Generate basemaps off of aerial photo	30 days	$71,680.00	Mon 3/19/01	Fri 4/27/01	$0.00
30		Reposition buildings to correct position via survey	60 days	$107,520.00	Mon 4/30/01	Fri 7/20/01	$0.00
31		**Overall Utilities GIS Upgrade for core 4 bases**	**666 days**	**$2,641,320.00**	**Tue 1/1/02**	**Tue 7/20/04**	**$0.00**
32		Coodinate software buy/tradeout with ESRI	7 days	$95,000.00	Tue 1/1/02	Wed 1/9/02	$0.00
33		Load software	10 days	$12,000.00	Tue 1/1/02	Mon 1/14/02	$0.00
34		Beta run software and validate data integrity	3 days	$6,400.00	Tue 1/1/02	Thu 1/3/02	$0.00
35		RSIM programming upgrades to support utilities	60 days	$30,000.00	Tue 1/1/02	Mon 3/25/02	$0.00
36		Analyze business process for updating features	30 days	$71,680.00	Tue 1/1/02	Mon 2/11/02	$0.00
37		Create Geoworkspace	60 days	$286,720.00	Mon 2/11/02	Fri 5/3/02	$0.00
38		**Utilities Integration for Pt.Loma**	**157 days**	**$534,880.00**	**Mon 2/11/02**	**Tue 9/17/02**	**$0.00**
39		**Process Cost/Gas**	**40 days**	**$133,720.00**	**Mon 2/11/02**	**Fri 4/5/02**	**$0.00**
40		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Mon 2/11/02	Tue 2/19/02	$0.00

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Task		Milestone
Split		Summary
Progress		Rolled Up Task

Rolled Up Split
Rolled Up Milestone
Rolled Up Progress

External Tasks
Project Summary
External Milestone

Deadline

ID		Task Name	Duration	Cost	Start	Finish	Est.Cost
41		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Mon 2/11/02	Tue 2/19/02	$0.00
42		Validate/cross check migration	2 days	$2,560.00	Wed 2/20/02	Thu 2/21/02	$0.00
43		transfer features to SDE	5 days	$12,800.00	Wed 2/20/02	Tue 2/26/02	$0.00
44		Validate Spatial data standards and data integrity	40 days	$95,000.00	Mon 2/11/02	Fri 4/5/02	$0.00
45		Train personel on new process for updates	10 days	$6,400.00	Mon 2/11/02	Fri 2/22/02	$0.00
46		**Process Cost/Steam**	**40 days**	**$133,720.00**	**Fri 4/5/02**	**Thu 5/30/02**	**$0.00**
47		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Fri 4/5/02	Mon 4/15/02	$0.00
48		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Fri 4/5/02	Mon 4/15/02	$0.00
49		Validate/cross check migration	2 days	$2,560.00	Tue 4/16/02	Wed 4/17/02	$0.00
50		transfer features to SDE	5 days	$12,800.00	Tue 4/16/02	Mon 4/22/02	$0.00
51		Validate Spatial data standards and data integrity	40 days	$95,000.00	Fri 4/5/02	Thu 5/30/02	$0.00
52		Train personel on new process for updates	10 days	$6,400.00	Fri 4/5/02	Thu 4/18/02	$0.00
53		**Process Cost/Water**	**40 days**	**$133,720.00**	**Thu 5/30/02**	**Wed 7/24/02**	**$0.00**
54		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 5/30/02	Fri 6/7/02	$0.00
55		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 5/30/02	Fri 6/7/02	$0.00
56		Validate/cross check migration	2 days	$2,560.00	Mon 6/10/02	Tue 6/11/02	$0.00
57		transfer features to SDE	5 days	$12,800.00	Mon 6/10/02	Fri 6/14/02	$0.00
58		Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 5/30/02	Wed 7/24/02	$0.00
59		Train personel on new process for updates	10 days	$6,400.00	Thu 5/30/02	Wed 6/12/02	$0.00
60		**Process Cost/Electricity**	**40 days**	**$133,720.00**	**Wed 7/24/02**	**Tue 9/17/02**	**$0.00**

Project: Down the road
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Task		Milestone	◆	Rolled Up Split		External Tasks		Deadline	⬇
Split		Summary	◆——◆	Rolled Up Milestone	◇	Project Summary			
Progress		Rolled Up Task		Rolled Up Progress		External Milestone	◆		

ID	ⓘ	Task Name	Duration	Cost	Start	Finish	Est.Cost
61	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Wed 7/24/02	Thu 8/1/02	$0.00
62	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Wed 7/24/02	Thu 8/1/02	$0.00
63	▦	Validate/cross check migration	2 days	$2,560.00	Fri 8/2/02	Mon 8/5/02	$0.00
64	▦	Transfer features to SDE	5 days	$12,800.00	Fri 8/2/02	Thu 8/8/02	$0.00
65	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Wed 7/24/02	Tue 9/17/02	$0.00
66	▦	Train personel on new process for updates	10 days	$6,400.00	Wed 7/24/02	Tue 8/6/02	$0.00
67		**Utilities Integration for Navsta**	**157 days**	**$534,880.00**	**Tue 9/17/02**	**Wed 4/23/03**	**$0.00**
68		**Process Cost/Gas**	**40 days**	**$133,720.00**	**Tue 9/17/02**	**Mon 11/11/02**	**$0.00**
69	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Tue 9/17/02	Wed 9/25/02	$0.00
70	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Tue 9/17/02	Wed 9/25/02	$0.00
71	▦	Validate/cross check migration	2 days	$2,560.00	Thu 9/26/02	Fri 9/27/02	$0.00
72	▦	transfer features to SDE	5 days	$12,800.00	Thu 9/26/02	Wed 10/2/02	$0.00
73	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Tue 9/17/02	Mon 11/11/02	$0.00
74	▦	Train personel on new process for updates	10 days	$6,400.00	Tue 9/17/02	Mon 9/30/02	$0.00
75		**Process Cost/Steam**	**40 days**	**$133,720.00**	**Mon 11/11/02**	**Fri 1/3/03**	**$0.00**
76	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Mon 11/11/02	Tue 11/19/02	$0.00
77	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Mon 11/11/02	Tue 11/19/02	$0.00
78	▦	Validate/cross check migration	2 days	$2,560.00	Tue 11/19/02	Wed 11/20/02	$0.00
79	▦	transfer features to SDE	5 days	$12,800.00	Tue 11/19/02	Mon 11/25/02	$0.00
80	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Mon 11/11/02	Fri 1/3/03	$0.00

Legend			
Task	Milestone	Rolled Up Split	External Tasks	Deadline
Split	Summary	Rolled Up Milestone	Project Summary	
Progress	Rolled Up Task	Rolled Up Progress	External Milestone	

ID		Task Name	Duration	Cost	Start	Finish	Est.Cost
81		Train personel on new process for updates	10 days	$6,400.00	Mon 11/11/02	Fri 11/22/02	$0.00
82		**Process Cost/Water**	**40 days**	**$133,720.00**	**Fri 1/3/03**	**Thu 2/27/03**	**$0.00**
83		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Fri 1/3/03	Mon 1/13/03	$0.00
84		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Fri 1/3/03	Mon 1/13/03	$0.00
85		Validate/cross check migration	2 days	$2,560.00	Tue 1/14/03	Wed 1/15/03	$0.00
86		transfer features to SDE	5 days	$12,800.00	Tue 1/14/03	Mon 1/20/03	$0.00
87		Validate Spatial data standards and data integrity	40 days	$95,000.00	Fri 1/3/03	Thu 2/27/03	$0.00
88		Train personel on new process for updates	10 days	$6,400.00	Fri 1/3/03	Thu 1/16/03	$0.00
89		**Process Cost/Electricity**	**40 days**	**$133,720.00**	**Thu 2/27/03**	**Wed 4/23/03**	**$0.00**
90		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 2/27/03	Fri 3/7/03	$0.00
91		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 2/27/03	Fri 3/7/03	$0.00
92		Validate/cross check migration	2 days	$2,560.00	Mon 3/10/03	Tue 3/11/03	$0.00
93		Transfer features to SDE	5 days	$12,800.00	Mon 3/10/03	Fri 3/14/03	$0.00
94		Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 2/27/03	Wed 4/23/03	$0.00
95		Train personel on new process for updates	10 days	$6,400.00	Thu 2/27/03	Wed 3/12/03	$0.00
96		**Utilities Integration for NAB**	**160 days**	**$534,880.00**	**Thu 4/24/03**	**Wed 12/3/03**	**$0.00**
97		**Process Cost/Gas**	**40 days**	**$133,720.00**	**Thu 4/24/03**	**Wed 6/18/03**	**$0.00**
98		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 4/24/03	Fri 5/2/03	$0.00
99		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 4/24/03	Fri 5/2/03	$0.00
100		Validate/cross check migration	2 days	$2,560.00	Mon 5/5/03	Tue 5/6/03	$0.00

Task		Milestone	Rolled Up Split
Split		Summary	Rolled Up Milestone
Progress		Rolled Up Task	Rolled Up Progress

External Tasks · Deadline · Project Summary · External Milestone

Project: Down the road
Date: Thu 3/22/01

ID	ⓘ	Task Name	Duration	Cost	Start	Finish	Est.Cost
101		transfer features to SDE	5 days	$12,800.00	Mon 5/5/03	Fri 5/9/03	$0.00
102		Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 4/24/03	Wed 6/18/03	$0.00
103		Train personel on new process for updates	10 days	$6,400.00	Thu 4/24/03	Wed 5/7/03	$0.00
104		**Process Cost/Steam**	**40 days**	**$133,720.00**	**Thu 6/19/03**	**Wed 8/13/03**	**$0.00**
105		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 6/19/03	Fri 6/27/03	$0.00
106		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 6/19/03	Fri 6/27/03	$0.00
107		Validate/cross check migration	2 days	$2,560.00	Mon 6/30/03	Tue 7/1/03	$0.00
108		transfer features to SDE	5 days	$12,800.00	Mon 6/30/03	Fri 7/4/03	$0.00
109		Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 6/19/03	Wed 8/13/03	$0.00
110		Train personel on new process for updates	10 days	$6,400.00	Thu 6/19/03	Wed 7/2/03	$0.00
111		**Process Cost/Water**	**40 days**	**$133,720.00**	**Thu 8/14/03**	**Wed 10/8/03**	**$0.00**
112		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 8/14/03	Fri 8/22/03	$0.00
113		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 8/14/03	Fri 8/22/03	$0.00
114		Validate/cross check migration	2 days	$2,560.00	Mon 8/25/03	Tue 8/26/03	$0.00
115		transfer features to SDE	5 days	$12,800.00	Mon 8/25/03	Fri 8/29/03	$0.00
116		Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 8/14/03	Wed 10/8/03	$0.00
117		Train personel on new process for updates	10 days	$6,400.00	Thu 8/14/03	Wed 8/27/03	$0.00
118		**Process Cost/Electricity**	**40 days**	**$133,720.00**	**Thu 10/9/03**	**Wed 12/3/03**	**$0.00**
119		Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 10/9/03	Fri 10/17/03	$0.00
120		Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 10/9/03	Fri 10/17/03	$0.00

Project: Down the road
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Task	Milestone	Rolled Up Split	External Tasks	Deadline
Split	Summary	Rolled Up Milestone	Project Summary	
Progress	Rolled Up Task	Rolled Up Progress	External Milestone	

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ID	ⓘ	Task Name	Duration	Cost	Start	Finish	Est.Cost
121	▦	Validate/cross check migration	2 days	$2,560.00	Mon 10/20/03	Tue 10/21/03	$0.00
122	▦	Transfer features to SDE	5 days	$12,800.00	Mon 10/20/03	Fri 10/24/03	$0.00
123	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 10/9/03	Wed 12/3/03	$0.00
124	▦	Train personel on new process for updates	10 days	$6,400.00	Thu 10/9/03	Wed 10/22/03	$0.00
125		**Utilities Integration for North Island**	**164 days**	**$534,880.00**	**Thu 12/4/03**	**Tue 7/20/04**	**$0.00**
126		**Process Cost/Gas**	**40 days**	**$133,720.00**	**Thu 12/4/03**	**Wed 1/28/04**	**$0.00**
127	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 12/4/03	Fri 12/12/03	$0.00
128	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 12/4/03	Fri 12/12/03	$0.00
129	▦	Validate/cross check migration	2 days	$2,560.00	Mon 12/15/03	Tue 12/16/03	$0.00
130	▦	transfer features to SDE	5 days	$12,800.00	Mon 12/15/03	Fri 12/19/03	$0.00
131	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 12/4/03	Wed 1/28/04	$0.00
132	▦	Train personel on new process for updates	10 days	$6,400.00	Thu 12/4/03	Wed 12/17/03	$0.00
133		**Process Cost/Steam**	**45 days**	**$133,720.00**	**Thu 1/29/04**	**Wed 3/31/04**	**$0.00**
134	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 1/29/04	Fri 2/6/04	$0.00
135	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 1/29/04	Fri 2/6/04	$0.00
136	▦	Validate/cross check migration	2 days	$2,560.00	Thu 3/25/04	Fri 3/26/04	$0.00
137	▦	transfer features to SDE	5 days	$12,800.00	Thu 3/25/04	Wed 3/31/04	$0.00
138	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 1/29/04	Wed 3/24/04	$0.00
139	▦	Train personel on new process for updates	10 days	$6,400.00	Thu 1/29/04	Wed 2/11/04	$0.00
140		**Process Cost/Water**	**40 days**	**$133,720.00**	**Thu 4/1/04**	**Wed 5/26/04**	**$0.00**

Project: Down the road
Date: Thu 3/22/01

Task		Milestone
Split		Summary
Progress		Rolled Up Task

Rolled Up Split		External Tasks	Deadline
Rolled Up Milestone		Project Summary	
Rolled Up Progress		External Milestone	

ID	ⓘ	Task Name	Duration	Cost	Start	Finish	Est.Cost
141	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Thu 4/1/04	Fri 4/9/04	$0.00
142	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Thu 4/1/04	Fri 4/9/04	$0.00
143	▦	Validate/cross check migration	2 days	$2,560.00	Mon 4/12/04	Tue 4/13/04	$0.00
144	▦	transfer features to SDE	5 days	$12,800.00	Mon 4/12/04	Fri 4/16/04	$0.00
145	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Thu 4/1/04	Wed 5/26/04	$0.00
146	▦	Train personel on new process for updates	10 days	$6,400.00	Thu 4/1/04	Wed 4/14/04	$0.00
147		**Process Cost/Electricity**	**40 days**	**$133,720.00**	**Wed 5/26/04**	**Tue 7/20/04**	**$0.00**
148	▦	Convert a utility feature with related subfeatures to shape	7 days	$8,000.00	Wed 5/26/04	Thu 6/3/04	$0.00
149	▦	Migrate all attribute data to RSIMdb	7 days	$8,960.00	Wed 5/26/04	Thu 6/3/04	$0.00
150	▦	Validate/cross check migration	2 days	$2,560.00	Fri 6/4/04	Mon 6/7/04	$0.00
151	▦	Transfer features to SDE	5 days	$12,800.00	Fri 6/4/04	Thu 6/10/04	$0.00
152	▦	Validate Spatial data standards and data integrity	40 days	$95,000.00	Wed 5/26/04	Tue 7/20/04	$0.00
153	▦	Train personel on new process for updates	10 days	$6,400.00	Wed 5/26/04	Tue 6/8/04	$0.00
154	▦	Check remaining features	1 day	$0.00	Tue 1/1/02	Tue 1/1/02	$0.00

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Task	Milestone
Split	Summary
Progress	Rolled Up Task

Rolled Up Split
Rolled Up Milestone
Rolled Up Progress

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